In the Abstract

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ABSTRACT

CONVERGENCE SYSTEM FOR A PROJECTION DISPLAY SYSTEM

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A convergence system 100 comprises a dichroic prism 102 for splitting and/or recombining light beams, intermediate parts 104a, 104b, 104c and a light modulator 106a, 106b, 106c for every color beam. The intermediate parts 104a, 104b, 104c are constructed such that the convergence system has an improved resistance for variations in environmental effects like temperature and humidity. The intermediate parts 104a, 104b, 104c are constructed such that the convergence system has a high stability, a large degree of monolithicy and a high movement isotropy. When used in a projection display system, the projection display system has a high degree of color uniformity.

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